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L1: Entry 1 of 1

File: USPT

Oct 17, 2000

US-PAT-NO: 6132973DOCUMENT-IDENTIFIER: US 6132973 A

TITLE: Human regulatory molecules

DATE-ISSUED: October 17, 2000

## INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Lal; Preeti	Santa Clara	CA		
Hillman; Jennifer L.	Mountain View	CA		
Bandman; Olga	Mountain View	CA		
Shah; Purvi	Sunnyvale	CA		
Au-Young; Janice	Berkeley	CA		
Yue; Henry	Sunnyvale	CA		
Guegler; Karl J.	Menlo Park	CA		
Corley; Neil C.	Mountain View	CA		

## ASSIGNEE-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY	TYPE CODE
Incyte Pharmaceuticals, Inc.	Palo Alto	CA			02

APPL-NO: 9/ 234613 [PALM]

DATE FILED: January 20, 1999

## PARENT-CASE:

This application is a divisional application of U.S. application Ser. No. 08/933,750, filed on Sep. 23, 1997 now U.S. Pat. No. 5,932,442.

INT-CL: [7] C12 Q 1/68, C12 P 21/06, C12 P 19/34, C07 H 21/04, C01 N 33/50

US-CL-ISSUED: 435/6; 435/69.1, 435/252.3, 435/91.2, 435/320.1, 536/23.5, 536/24.31, 436/86, 436/94

US-CL-CURRENT: 435/6; 435/252.3, 435/320.1, 435/69.1, 435/91.2, 436/86, 436/94, 536/23.5, 536/24.31

FIELD-OF-SEARCH: 435/6, 435/252.3, 435/320.1, 435/69.1, 435/91.2, 536/23.5, 536/24.31, 436/86, 436/94

## PRIOR-ART-DISCLOSED:

## OTHER PUBLICATIONS

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ART-UNIT: 162

PRIMARY-EXAMINER: Slobodyansky; Elizabeth

ATTY-AGENT-FIRM: Incyte Pharmaceuticals, Inc. Murry; Lynn E.

ABSTRACT:

The invention provides human regulatory molecules and polynucleotides (collectively designated HRM) which identify and encode them. The invention also provides expression vectors, host cells, agonists, antibodies and antagonists. The invention further provides methods for diagnosing, preventing, and treating disorders associated with expression of human regulatory molecules.

15 Claims, 0 Drawing figures

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L2: Entry 6 of 6

File: USPT

Aug 3, 1999

US-PAT-NO: 5932442DOCUMENT-IDENTIFIER: US 5932442 A

TITLE: Human regulatory molecules

DATE-ISSUED: August 3, 1999

## INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
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Bandman; Olga	Mountain View	CA		
Shah; Purvi	Sunnyvale	CA		
Au-Young; Janice	Berkeley	CA		
Yue; Henry	Sunnyvale	CA		
Guegler; Karl J.	Menlo Park	CA		
Corley; Neil C.	Mountain View	CA		

## ASSIGNEE-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY	TYPE CODE
Incyte Pharmaceuticals, Inc.	Palo Alto	CA			02

APPL-NO: 8/ 933750 [PALM]

DATE FILED: September 23, 1997

INT-CL: [6] C12 P 21/06, C12 N 1/20, C12 N 15/00, C07 H 21/04

US-CL-ISSUED: 435/69.1; 435/252.3, 435/320.1, 536/23.5

US-CL-CURRENT: 435/69.1; 435/252.3, 435/320.1, 536/23.5

FIELD-OF-SEARCH: 536/23.5, 435/69.1, 435/252.3, 435/320.1

PRIOR-ART-DISCLOSED:

## OTHER PUBLICATIONS

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van Vliet-Reedijk, J.C. and Planta, R.J., (GI 486600), GenBank Sequence Database (Accession Z28293; Y13137), National Center for Biotechnology Information, National Library of Medicine, Bethesda, Maryland, 20894.

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ART-UNIT: 162

PRIMARY-EXAMINER: Wax; Robert A.

ASSISTANT-EXAMINER: Slobodyansky; Elizabeth

ATTY-AGENT-FIRM: Incyte Pharmaceuticals, Inc. Murry; Lynn E.

#### ABSTRACT:

The invention provides human regulatory molecules and polynucleotides (collectively designated HRM) which identify and encode them. The invention also provides expression vectors, host cells, agonists, antibodies and antagonists. The invention further provides methods for diagnosing, preventing, and treating disorders associated with expression of human regulatory molecules.

6 Claims, 0 Drawing figures

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L2: Entry 6 of 6

File: USPT

Aug 3, 1999

US-PAT-NO: 5932442DOCUMENT-IDENTIFIER: US 5932442 A

TITLE: Human regulatory molecules

DATE-ISSUED: August 3, 1999

## INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Lal; Preeti	Santa Clara	CA		
Hillman; Jennifer L.	Mountain View	CA		
Bandman; Olga	Mountain View	CA		
Shah; Purvi	Sunnyvale	CA		
Au-Young; Janice	Berkeley	CA		
Yue; Henry	Sunnyvale	CA		
Guegler; Karl J.	Menlo Park	CA		
Corley; Neil C.	Mountain View	CA		

US-CL-CURRENT: 435/69.1; 435/252.3, 435/320.1, 536/23.5

## CLAIMS:

What is claimed is:

1. An isolated and purified polynucleotide having a nucleotide sequence selected from the group consisting of SEQ ID NO:57, SEQ ID NO:59, SEQ ID NO:70, SEQ ID NO:73, SEQ ID NO:79, SEQ ID NO:94, SEQ ID NO:95, and SEQ ID NO:96.
2. An isolated and purified polynucleotide having a nucleic acid sequence which is complementary to the nucleic acid sequence of the polynucleotide of claim 1.
3. A composition comprising the polynucleotide of claim 1.
4. An expression vector containing the polynucleotide of claim 1.
5. A host cell containing the vector of claim 4.
6. A method for producing a polypeptide encoding a human regulatory molecule, the method comprising the steps of:
  - a) culturing the host cell of claim 5 under conditions suitable for the expression of the polypeptide; and
  - b) recovering the polypeptide from the host cell culture.